

SEQUENCE LISTING

<110> Sokawa, Yoshiro
Liu, Chih-Ping

<120> Composition for Treatment of and Method
of Monitoring Hepatitis C Virus Using Interferon-tau

<130> 5600-0004.30

<140> Not Yet Assigned

<141> Filed Herewith

<150> JP 317160

<151> 2000-10-17

<150> US 60/219,128

<151> 2000-07-19

<160> 4

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 516

<212> DNA

<213> Ovis aries

<400> 1

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gaaatgggtg	aaggtgacca	actgcaaaaa	gaccaagctt	tcccgggtact	gtatgaaatg	180
ctgcagcagt	ctttcaacct	gttctacact	gaacattctt	cggccgcttg	ggacactact	240
cttctagaac	aactgtgcac	tgggtctgaa	cagcaactgg	accatctgga	cacttgccgt	300
ggccagggtta	tgggtgaaga	agactctgaa	ctgggtaaca	tggatccgat	cgttactgtt	360
aaaaaatatt	tccagggtat	ctacgactac	ctgcaggaaa	aaggttactc	tgactgcgct	420
tgggaaatcg	tacgcgttga	aatgatgcgg	gccctgactg	tgtcgactac	tctgcaaaaa	480
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<210> 2

<211> 172

<212> PRT

<213> Ovis aries

<400> 2

Cys	Tyr	Leu	Ser	Arg	Lys	Leu	Met	Leu	Asp	Ala	Arg	Glu	Asn	Leu	Lys
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Leu	Leu	Asp	Arg	Met	Asn	Arg	Leu	Ser	Pro	His	Ser	Cys	Leu	Gln	Asp
			20					25					30		
Arg	Lys	Asp	Phe	Gly	Leu	Pro	Gln	Glu	Met	Val	Glu	Gly	Asp	Gln	Leu
		35				40						45			
Gln	Lys	Asp	Gln	Ala	Phe	Pro	Val	Leu	Tyr	Glu	Met	Leu	Gln	Gln	Ser
	50					55				60					
Phe	Asn	Leu	Phe	Tyr	Thr	Glu	His	Ser	Ser	Ala	Ala	Trp	Asp	Thr	Thr
65					70					75				80	

Leu Leu Glu Gln Leu Cys Thr Gly Leu Gln Gln Gln Leu Asp His Leu
 85 90 95
 Asp Thr Cys Arg Gly Gln Val Met Gly Glu Glu Asp Ser Glu Leu Gly
 100 105 110
 Asn Met Asp Pro Ile Val Thr Val Lys Lys Tyr Phe Gln Gly Ile Tyr
 115 120 125
 Asp Tyr Leu Gln Glu Lys Gly Tyr Ser Asp Cys Ala Trp Glu Ile Val
 130 135 140
 Arg Val Glu Met Met Arg Ala Leu Thr Val Ser Thr Thr Leu Gln Lys
 145 150 155 160
 Arg Leu Thr Lys Met Gly Gly Asp Leu Asn Ser Pro
 165 170

<210> 3
 <211> 519
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> recombinant IFNtau based on Ovis aries sequence

<400> 3
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 atgaatcgat tgtctccgca cagctgcctg caagaccgga aagacttcgg tctgccgcag 120
 gaaatggttg aaggtgacca actgcaaaaa gaccaagctt tcccggtact gtatgaaatg 180
 ctgcagcagt ctttcaacct gttctacact gaacattctt cggccgcttg ggacactact 240
 cttctagaac aactgtgcac tgggtctgaa cagcaactgg accatctgga cacttgccgt 300
 ggccaagtta tgggtgaaga agactctgaa ctgggtaaca tggatccgat cgttactgtt 360
 aaaaaatatt tccagggtat ctacgactac ctgcaggaaa aagggttactc tgactgcgct 420
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 cggttaacta aaatgggttg tgacctgaat tctccgtaa 519

<210> 4
 <211> 172
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> recombinant IFNtau based on Ovis aries sequence

<400> 4

Cys Tyr Leu Ser Glu Arg Leu Met Leu Asp Ala Arg Glu Asn Leu Lys
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 Leu Leu Asp Arg Met Asn Arg Leu Ser Pro His Ser Cys Leu Gln Asp
 20 25 30
 Arg Lys Asp Phe Gly Leu Pro Gln Glu Met Val Glu Gly Asp Gln Leu
 35 40 45
 Gln Lys Asp Gln Ala Phe Pro Val Leu Tyr Glu Met Leu Gln Gln Ser
 50 55 60
 Phe Asn Leu Phe Tyr Thr Glu His Ser Ser Ala Ala Trp Asp Thr Thr
 65 70 75 80
 Leu Leu Glu Gln Leu Cys Thr Gly Leu Gln Gln Leu Asp His Leu
 85 90 95
 Asp Thr Cys Arg Gly Gln Val Met Gly Glu Glu Asp Ser Glu Leu Gly
 100 105 110
 Asn Met Asp Pro Ile Val Thr Val Lys Lys Tyr Phe Gln Gly Ile Tyr

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Arg	Val	Glu	Met	Met	Arg	Ala	Leu	Thr	Val	Ser	Thr	Thr	Leu	Gln	Lys
145					150					155					160
Arg	Leu	Thr	Lys	Met	Gly	Gly	Asp	Leu	Asn	Ser	Pro				
				165					170						

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